# IP Intercom

## The IP intercom firmware, used on Barix devices, is the ideal approach to integrate IP intercom functionality in a management system with, for example, touch screens and high level integration functionality.

BARIX
THE VOICE OF SIMPLICITY

The IP intercom firmware, used on Barix devices, is the ideal approach to integrate IP intercom functionality in a management system with, for example, touch screens and high level integration functionality. With a defined API and function set, all devices can be dynamically controlled and commanded to serve as full-duplex intercom devices, receive pages or play background music.

Contact closure inputs can be monitored and output controlled remotely via TCP/IP.

Working in a local network or over internet, the solution can be easily expanded to be used for surveillance systems where full remote control over audio and signal is needed.

A high level management and monitoring software is available as an add-on from Barix, allowing the formation of full-fledged standalone intercom solutions with graphical consoles.

**KEY FEATURES**

- Full Duplex point to point audio communication
- Stream audio to unicast/broadcast/multicast destinations
- Receiving audio from unicast/broadcast/multicast source
- Play a mp3 audio file from USB or internal memory
- Serial gateway for tunneling serial data to network and vice versa
- TCP/UDP command interface to control the device remotely
- Syslog messages and SNMP traps for monitoring

## APPLICATIONS

- eClassroom, eLearning, in education
- managed intercom system
- managed audio distribution
- Live and recorder PA applications
- Audio/Video Surveillance systems